BUFFALO™

Network Storage

TeraStation™ Duo

3 YEAR WARRANTY

Buffalo TeraStation Duo dual drive NAS device with RAID capability.

With RAID 1 and Hot Swap functionality, if a drive does fail, the TeraStation Duo automatically powers down the faulty drive, enabling you to safely remove and replace without losing any data, or down time.

The replication function allows the connection of a second TeraStation Duo via the USB or LAN port and replicates the data to improve reliability, fault tolerance or accessibility.

The perfect solution for the home office or small to medium business that needs large, easy-to-deploy, easy-to-manage, redundant network attached storage.

TeraStation™ Duo

- **High Speed Data Transfer Up to 65MB/s**
- **Real time Back-up Replication Function - allows you to have a mirrored unit as a spare**
- **Replace faulty hard drives with the Hot Swap functionality without powering down**
- **Schedule Power Management System - for flexible power management, save up to 66%, reduce CO_2 omissions**
- **WebAccess - remotely access the TeraStation Duo from anywhere via PC, Mac or iPhone**

Key Specifications

- Resilient: Replace faulty hard drives with the Hot Swap functionality without powering down
- Reliable: Backup Replication Function allows for reliability with fast recovery from hard drive failures
- Mirroring - a failover mechanism provides reliability for uninterrupted operation
- Quick Swap hard drive tray via the easy to remove, front panel
- Configure back-up and restore by attaching a second TeraStation via the LAN or USB port
- Airflow: A controlled fan with a thermal sensor, with a high cooling capacity chassis
- Disk Encryption: automatically encrypt the data to level AES 128 bits
- Quota Management- prevent misuse of disk space by allocating the right amount of space by user
- Supports NFS - can be mapped from UNIX so that a wide range of users can access the drives
- Back-up data held on attached USB hard drives via the USB ports can be read on Windows based PCs
- Active Directory Support - Simplify the management of each TeraStation
- Schedule Power Management System - for flexible power management, save up to 66%, reduce CO_2 omissions
- Automatically turns on and shuts down with PC
- PC Interlocking Power Management System - for effortless power saving
- Hard Drive Spin Down while idle
- Connectivity: Dual Ethernet for port trunking
- Supports Apple Time Machine - Back-up multiple Mac computers
- WebAccess - remotely access the TeraStation Duo from anywhere via PC, Mac or iPhone
- Dual USB for greater flexibility
- In-built DLNA Media Server
- In-built BitTorrent Client
- In-built Print Server
- LCD Status Display and intuitive web interface
- UPS Support
- Memeo™ back-up software

SPECIFICATIONS

Internal HDD	
HDD Interface	SATA-II
Capacities	500GB, 1.0TB
Number of Drives	2
Total Capacities	1.0TB, 2.0TB
Supported RAID levels	0, 1, JBOD

Interfaces	
LAN	
Standard Compliance	IEEE802.3ab/IEEE802.3u/IEEE802.3 Standard
LAN Port Connector	RJ-45
Number of LAN Ports	2
Data Transfer Rate	65MB/s
USB	
Standard Compliance	USB 2.0
Connector Type	USB type A
Number of Ports	2
Data Transfer Rate	Max: 480Mbps (High Speed Mode). Max: 12Mbps (Full Speed Mode)
Serial Port for UPS	
Standard Compliance	RS-232 (EIA-232)
Connector Type	D-Sub
Number of Ports	1

Protocol Support	
Networking	TCP/IP
File Sharing	SMB/CIFS, AFP, FTP/FTPS, SFTP, HTTP/HTTPS, NFS
Active Directory Integration	Kerberos
Management	HTTP
Time Synchronisation	NTP

Other	
Set-up Utility OS Support	Windows 2000/XP/Vista, Windows Server 2008/2003, Windows MCE 2004/5, MAC OS 10.3.9 or higher
Dimensions (WxDxH)	170 x 170 x 230mm
Weight	4.5kg
Operating Environment	5-35°C, 20-80% (non-condensing)
Power Consumption	Max.47W
Power Supply	Internal AC100-240V, 50/60Hz

Product Part Numbers

TS-WX1.0TL/R1
TS-WX2.0TL/R1

Note: 1TB = 1,000,000,000,000Bytes. Actual data throughput will vary depending upon environment factors.

About Buffalo

Buffalo Technology UK Ltd. is a leading global provider of award-winning storage, networking, memory, and multimedia solutions for the home and small business environments as well as for system builders and integrators. With almost three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative, solutions that have put the company at the forefront of infrastructure technology.

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